IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	General Electric Company	
Serial No.:	:	Attn: LICENSING AND REVIEW
Filed:	December 12, 2003))
	ARTICLE PROTECTED BY CERIUM OXIDE-ENRICHED OR INFILTRATION	A THERMAL BARRIER COATING SURFACE PRODUCED BY

DECLARATION UNDER SECTION 305(c) OF THE NATIONAL AERONAUTICS AND SPACE ACT OF 1958

Commissioner of Patents P.O. Box 1450 Alexandria, VA 22313-1450

SIR:

We, John Frederick ACKERMAN, Venkat Subramanian VENKATARAMANI, Irene T. SPITSBERG, Brett Allen Rohrer BOUTWELL, and Ramgopal DAROLIA, hereby declare:

That we are the inventors of the invention described and claimed in the abovereferenced U.S. Patent Application;

That the invention was made while we were employed by the General Electric Company, the assignee of the subject invention, using only the resources of the General Electric Company, including, for example, its funds, facilities, materials, information, and services;

That the invention set forth in the above-referenced U.S. Patent Application was not made (conceived or first actually reduced to practice) under, nor is there any known relationship of the making of the invention to the performance of, any work under any contract of the National Aeronautics and Space Administration;

That we signed this declaration on the date we signed the form papers accompanying the filing of the above-referenced U.S. Patent Application with the understanding that the attorney of record would later insert the appropriate serial

number and filing date hereinabove before submitting this Declaration to the U.S. Patent and Trademark Office;

That all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing therein.

12/5/03 (Date)	John Frederic Ocheman
(Dáte) ⁽	John Frederick ACKERMAN
12/10/03 (Date)	Vett Subramanian VENKATARAMANI
11/24/03 (Date)	Irene T. SPITSBERG
<u>11 /24 /03</u> (Date)	Butt allen Robert Boutwell Brett Allen Robrer BOUTWELL
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Approved for use through 11/30/2005. OMB 0651-0035

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POWER OF ATTORNEY and **CORRESPONDENCE ADDRESS INDICATION FORM**

Application Number	
Filing Date	December 12, 2003
First Named Inventor	ACKERMAN et al.
Title	ARTICLE PROTECTED BY A THERMAL BARRIER COATING HAVING A CERIUM OXIDE-ENRICHED SURFACE PRODUCED BY PRECURSOR INFILTRATION
Art Unit	n/a
Examiner Name	n/a
Attorney Docket Number	130013/11921 (21635-0116)

I hereby appoint:	
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Practicioner(s) named below::	
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Applicant/Inventor.	
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Statement under 37 CFR 3.73(b) is enclosed	
	licant or Assignee of Record
Name John Frederick-Ackerman	
Signature John Traderik dek	
Date /2/5/03	Telephone
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PTO/SB/81 (06-03)

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Nam	e	Brett Allen	Rohrer Boutwell									
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Date		11/24/0	3			Telephone	(513) 2	43-7489				
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Attorney Docket Number	130013/11921 (21635-0116)

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DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

CERIUM OXIDE-ENRICHED SURFACE PRODUCED BY PRECURSOR INFILTRATION						
As the below named inventor(s), I/we declare that:						
This declaration is directed to:						
•		The attached application	, or			
1		Application No, fi	led on,			
	İ	as amended on	(if applicabl	e);		
I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;						
I/ we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;						
I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including material information which became available between the filing date of the prior application and the National or PCT International filing date of the continuation-in-part application, if applicable; and						
All statements made herein of my/own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.						
FULL NAME OF INVENTOR(S)						
Inventor one: John Frederick Ackerman						
Signature.	Fred	ank Okem	Citizen of:	United States of America		
Inventor two: Venkat Subramanian Venkataramani						
Signature: Velle	Solor	- roult	Citizen of:	United States of America		
Inventor three: Irene	T. Spitsb	erg				
Signature: Ben	e Spil	sherp	Citizen of:	United States of America		
Inventor four: Brett Allen Rohrer Boutwell						
Signature: Butt a	Ellan 1	Rohver Boutwell	Citizen of:	United States of America		

Additional inventors are being named on 1 additional form(s) attached hereto.

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention ARTICLE PROTECTED BY A THERMAL BARRIER COATING HAVING A CERIUM OXIDE-ENRICHED SURFACE PRODUCED BY PRECURSOR INFILTRATION							
As the below named inventor(s), I/we declare that:							
This declaration is directed to:							
	\boxtimes	The attached application	on, or	•			
		Application No, filed on,					
		as amended on	(if applicabl	e);			
I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;							
I/ we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;							
I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including material information which became available between the filing date of the prior application and the National or PCT International filing date of the continuation-in-part application, if applicable; and							
All statements made herein of my/own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001. and may ieopardize the validity of the application or any patent issuing thereon.							
FULL NAME OF INVENTOR(S)							
Inventor one: Ramgopal Darolia							
		P Daroli	Citizen of:	United States of America			
Inventor two:							
Signature:			Citizen of:				
Inventor three:							
Signature:		· · · · · · · · · · · · · · · · · · ·	_ Citizen of:				
Inventor four:							
Signature:			Citizen of:				
Additional inventors are being named on 1 additional form(s) attached hereto.							